

Title (en)
Air conditioner for use in vehicles

Title (de)
Fahrzeugklimaanlage

Title (fr)
Climatiseur de véhicule

Publication
EP 1362726 A3 20040303 (EN)

Application
EP 03006119 A 20030318

Priority
JP 2002142234 A 20020517

Abstract (en)
[origin: EP1362726A2] An air conditioner for use in vehicles includes a compressor (11) that is connected to an engine (1) for driving a vehicle and operated by a driving force provided by the engine (1) during operation of the engine (1). Connection between the engine (1) and the compressor (11) is released in response to stopping of the engine (1), and an electric motor (14) for driving the compressor (11) is connected to the compressor (11) in response to stopping of the engine (1). The compressor (11) is operated by the electric motor (14) during stopping of the engine (1).
<IMAGE>

IPC 1-7
B60H 1/32

IPC 8 full level
B60H 1/32 (2006.01)

CPC (source: EP US)
B60H 1/3208 (2013.01 - EP US); **B60H 1/3222** (2013.01 - EP US); **B60H 2001/3294** (2013.01 - EP US)

Citation (search report)
• [XY] DE 19513710 A1 19951026 - VOLKSWAGEN AG [DE]
• [Y] EP 0916531 A2 19990519 - MANNESMANN VDO AG [DE]
• [Y] DE 19738250 A1 19990304 - DAIMLER BENZ AG [DE]
• [Y] DE 4432679 A1 19960321 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]
• [A] US 3844130 A 19741029 - WAHNISH M
• [E] DE 10318637 A1 20031106 - DENSO CORP [JP]

Cited by
DE102006013502A1; DE102005024411A1; DE102005024411B4; EP1905623A1; WO2007107458A2; US7584626B2; WO2007107458A3

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